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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on Monday, November 10, 2003.

  
Jeffrey A. McKinney

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application for:

Steven Teig

Serial No.: 10/043,853

Filing Date: 01/11/2002

For: SIMULATED DIAGONAL  
WIRING DIRECTIONS USING  
MANHATTAN DIRECTIONAL  
WIRES

Examiner: WILLIAMS, ALEXANDER O

Group Art Unit: 2826

**NOTICE OF RELATED CASES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This document is being submitted as part of a response to an Office Action issued July 8, 2003. In the action, the Examiner requested that related application information be updated.

Application serial number 09/733,104 ("104 application") is entitled "Multi-Directional Wiring on a Single Metal Layer" and was filed on 12/07/2000. The subject application (10/043,853, "853 application") claims priority to the '104 application.

Application serial number 09/739,582 (“‘582 application”) is entitled “Integrated Circuit Wiring Architectures to Support Independent Designs” and was filed on 12/14/2000. The ‘582 application claims priority to the ‘104 application.

Application serial number 09/681,776 (“‘776 application”) is entitled “Diagonal Wiring Architecture for Integrated Circuits” and was filed on 06/03/2001. The ‘776 application claims priority to the ‘104 application.

Application serial number 10/043,808 (“‘808 application”) is entitled “Simulating Euclidean Wiring Directions Using Manhattan and Diagonal Directional Wires” and was filed on 01/11/2002. The ‘808 application claims priority to the ‘104 application and the ‘776 application.

The relationships described above are noted below in tabular form.

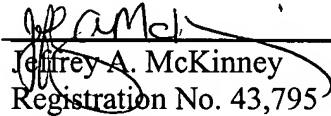
Application Serial Number	Case Relationship
09/733,104	
10/043,853	Continuation of ‘104
10/043,808	Continuation of ‘776, which is a continuation of ‘104
09/739,582	Continuation of ‘104
09/681,776	Continuation of ‘104

Should the Examiner believe that the information presented-above could be clarified through a telephone conference, he is invited to contact the undersigned attorney using the provided contact information.

Respectfully submitted,

Dated: November 10, 2003

By:

  
Jeffrey A. McKinney  
Registration No. 43,795

Stattler, Johansen & Adeli LLP  
P.O. Box 51860  
Palo Alto, California 94303-0728  
Telephone: (650) 752-0990 x103  
Fax: (650) 752-0995




*Image*

*2826*  
*#*

PATENT  
Docket No.: SPLX.P0007

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In the application of:

Steven Teig

Serial No.: 10/043,853

Filing Date: 01/11/2002

For: **SIMULATED DIAGONAL WIRING  
DIRECTIONS USING MANHATTAN  
DIRECTIONAL WIRES**

Examiner: WILLIAMS, ALEXANDER O

Group Art Unit: 2826

**TRANSMITTAL LETTER FOR RESPONSE TO AN OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In complete response to the Office Action dated 07/08/2003, attached please find:

1. This Amendment Transmittal Letter;
2. An Amendment and Response to the Office Action;
3. A Notice of Related Cases;
4. A Petition for Extension of Time;
5. A Return Receipt Post Card; and,
6. A Credit Card Payment Form.

If this amendment is deemed late, applicant hereby petitions for any needed extension of time needed. The Assistant Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to Deposit Account No. 50-1128.

The fee has been calculated as follows:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	* - 20 =	*	x \$18.00	\$*
INDEPENDENT CLAIMS	* - 3 =	*	x \$84.00	\$*
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$*
1 MONTHS PETITION FOR EXTENSION FOR REPLY :				\$110.00
Total from Above				\$110.00
Reduction by 1/2 for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27, 1.28). The Applicant hereby states that it qualifies as a small entity under 37 CFR 1.27				\$0.00
				<b>TOTAL = \$110.00</b>

Respectfully submitted,

Dated: November 10, 2003

By: Jeffrey A. McKinney  
Registration No. 43,795

Stattler, Johansen & Adeli LLP  
PO Box 51860  
Palo Alto, California 94303-0728  
Telephone: (650) 752-0990, ext. 103  
Facsimile: (650) 752-0995